



MATERIAL SAFETY DATA SHEET

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ICI Paints North America

925 Euclid Avenue Cleveland, Ohio 44115

EMERGENCY TELEPHONE NO. (800) 545-2643

EVERMORE H&T LATEX FLAT--COLORS

HD61XX C

HAZARDS IDENTIFICATION

(ANSI Section 3)

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract, lungs. Prolonged inhalation may lead to mucous membrane irritation, fatigue, drowsiness, dizziness and/or lightheadedness, headache, nausea, chest pain, coughing, central nervous system depression, difficulty of breathing, severe lung irritation or damage, kidney damage, pneumoconiosis. Possible sensitization to respiratory tract.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting, severe skin irritation. Possible sensitization to skin.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, tearing of eyes, redness of eyes.

Ingestion : Ingestion may cause mouth and throat irritation, drowsiness, dizziness and/or lightheadedness, headache, nausea, vomiting, diarrhea, gastro-intestinal disturbances, severe abdominal pain, abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, convulsions, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders lung disorders asthma-like conditions kidney disorders

FIRST-AID MEASURES

(ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

Skin contact : Flush from skin with water. Then wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before re-use.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES

(ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. May decompose under fire conditions emitting irritant and/or toxic gases. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, oxides of nitrogen, monomer vapors, hydrogen cyanide, toxic gases, styrene. Acrylic monomers

ACCIDENTAL RELEASE MEASURES

(ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent

to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE

(ANSI Section 7)

Handling and storage : Store below 100°F (38°C). Keep away from heat, sparks and open flame. Keep from freezing.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Avoid conditions which result in formation of inhalable particles such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under exposure controls/personal protection. Empty containers may contain hazardous residues.

EXPOSURE CONTROLS/PERSONAL PROTECTION

(ANSI Section 8)

Respiratory protection : Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian Z94.4) Approved elastomeric sealing-surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian Z94.4).

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing, face shield.

STABILITY AND REACTIVITY

(ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, bases, hypochlorites, hydrofluoric acid, hydrogen fluoride, mineral acids, hydroxyl containing compounds. Nitrates. Hydrazine perfluoric acid bromine pentafluoride

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION

(ANSI Section 11)

Supplemental health information : Contains a chemical that may be absorbed through skin. Other effects of overexposure may include toxicity to liver, kidney, lungs, reproductive system.

Carcinogenicity : Contains crystalline silica which is considered a hazard by inhalation. IARC has classified crystalline silica as carcinogenic to humans (group 1). Crystalline silica is also a known cause of silicosis, a noncancerous lung disease. The national toxicology program (NTP) has classified crystalline silica as a known human carcinogen. The international agency for research on cancer (IARC) has classified carbon black as possibly carcinogenic to humans (group 2b) based on sufficient evidence in animals and inadequate evidence in humans. The international agency for research on cancer (IARC) has classified cobalt and certain cobalt compounds as possibly carcinogenic to humans (group 2b). Injection of metallic cobalt, cobalt alloys, and certain cobalt compounds has resulted in the development of localized tumors in laboratory animals.

The information contained herein is based on data available at the time of preparation of this data sheet which ICI Paints believes to be reliable. However, no warranty is expressed or implied regarding the accuracy of this data. ICI Paints shall not be responsible for the use of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and the health and safety of your employees and the users of this material. Complies with OSHA hazard communication standard 29CFR1910.1200.

Reproductive effects : A study conducted by NTP, using a continuous breeding protocol, demonstrated that diethylene glycol in drinking water at a concentration of 3.5% (6.1 G/kg/day) resulted in decreased fertility and reproductive performance in mice. These effects were not seen in the lower dose levels evaluated. Since the exposure resulting from incidental contact is likely to be lower by several degrees of magnitude and the route of exposure used in this study does not reflect a likely route from occupational or consumer use the significance of these findings to humans is uncertain.

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen.

DISPOSAL CONSIDERATIONS

(ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION

(ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CFR (controlled products regulations) and the MSDS contains all the information required by the CFR.

ECOLOGICAL INFORMATION

(ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

Physical Data

(ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
HD 6108	ever more super 15 year flat latex house & trim finish - bark	10.27	63.83	63.31	none	212-383	*210	paint** protect from freezing**
HD 6115	ever more house & trim latex flat colonial red	10.68	65.90	63.87	none	212-383	*210	paint** protect from freezing**
HD 6122	ever more super 15 year flat latex house & trim finish - historic tan	10.65	94.89	65.89	none	212-383	*110	paint** protect from freezing**
HD 6128	ever more super 15 year flat latex house & trim finish - daylight green	10.57	70.97	61.21	none	212-383	*110	paint** protect from freezing**
HD 6129	ever more super 15 year flat latex house & trim finish - ivory sampler	10.89	90.51	64.55	none	212-383	*110	paint** protect from freezing**
HD 6137	ever more super 15 year flat latex house & trim finish - stratford brown	10.64	82.65	61.66	none	212-383	*210	paint** protect from freezing**
HD 6146	ever more house & trim latex flat black	9.83	84.30	70.69	none	212-477	*210	paint** protect from freezing**

Ingredients

Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	HD 6108	HD 6115	HD 6122	HD 6128	HD 6129	HD 6137	HD 6146
1,2-ethanediol	ethylene glycol	107-21-1			1-5		1-5		1-5
ethanol, 2,2'-oxybis-	diethylene glycol	111-46-6	1-5	1-5		1-5		1-5	
zinc oxide	zinc oxide	1314-13-2			1-5		5-10		
limestone	limestone	1317-65-3			5-10		5-10		
c.i. pigment green 7	phthalocyanine green pigment	1328-53-6				1-5			
iron oxide	iron oxide	1332-37-2	1-5	5-10				1-5	
carbon black	carbon black	1333-86-4	1-10					1-10	1-5
titanium oxide	titanium dioxide	13463-67-7		1-5	10-20		10-20		
cristobalite	crystalline silica, cristobalite	14464-46-1		1-5	1-10	1-5	1-10	1-5	1-5
quartz	quartz	14808-60-7		10-20		20-30		20-30	10-20
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	hexanol	25265-77-4			1-5		1-5		1-5
nepheline syenite	feldspar-type minerals	37244-96-5	10-20						
c.i. pigment yellow 42	yellow iron oxide	51274-00-1	1-5		1-5				
naphthenic acids, cobalt salts	cobalt naphthenate	61789-51-3	1-10	1-10	1-10	1-10	1-10	1-10	1-10
kieselguhr	diatomaceous earth, uncalcined	61790-53-2	5-10						
ceramic materials and wares, chemicals	calcined kaolin clay	66402-68-4	1-5						
fatty acids, tall-oil, polymers with isophthalic acid and pentaerythritol	alkyd resin	67746-05-8	1-5	1-5		1-5		1-5	1-5
kieselguhr, soda ash flux-calcined	silica, diatomaceous earth	68855-54-9		1-5		1-5		1-5	1-5
water	water	7732-18-5	40-50	40-50	40-50	40-50	40-50	40-50	50-60
acrylic resin	acrylic resin	Sup. Conf.	10-20	10-20	10-20	10-20	10-20	10-20	10-20

Chemical Hazard Data

(ANSI Sections 2, 8, 11, and 15)

Common Name	CAS. No.	ACGIH-TLV				OSHA-PEL				S.R. Std.	S2	S3	CC	H	M	N	I	O
		8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S									
ethylene glycol	107-21-1	notest.	notest.	100 mg/m3	notest.	notest.	notest.	notest.	notest.	notest.	n	y	y	y	n	n	n	n
diethylene glycol	111-46-6	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
zinc oxide	1314-13-2	5 mg/m3	10 mg/m3	notest.	notest.	5 mg/m3	notest.	notest.	notest.	notest.	n	y	n	n	n	n	n	n
limestone	1317-65-3	10 mg/m3	notest.	notest.	notest.	5 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
phthalic green pigment	1328-53-6	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
iron oxide	1332-37-2	5 mg/m3	notest.	notest.	notest.	10 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
carbon black	1333-86-4	3.5 mg/m3	notest.	notest.	notest.	3.5 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	y	n
titanium dioxide	13463-67-7	10 mg/m3	notest.	notest.	notest.	10 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
crystalline silica, cristobalite	14464-46-1	0.05 mg/m3	notest.	notest.	notest.	0.05 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	y	y	n
quartz	14808-60-7	.05 mg/m3	notest.	notest.	notest.	0.1 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	y	y	n
hexanol	25265-77-4	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
feldspar-type minerals	37244-96-6	5 mg/m3	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
yellow iron oxide	51274-00-1	5 mg/m3	notest.	notest.	notest.	10 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
cobalt naphthenate	61789-51-3	.02 mg/m3	notest.	notest.	notest.	.1 mg/m3	notest.	notest.	notest.	notest.	n	y	n	y	n	n	y	n
diatomaceous earth, uncalcined	61790-53-2	10 mg/m3	notest.	notest.	notest.	6 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
calcined kaolin clay	66402-68-4	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n
silica, diatomaceous earth	68855-54-9	10 mg/m3	notest.	notest.	notest.	6 mg/m3	notest.	notest.	notest.	notest.	n	n	n	n	n	n	n	n

Footnotes:

C= Ceiling - Concentration that should not be exceeded, even instantaneously.

S= Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable
notest=not established
CC=CERCLA Chemical

ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf= Supplier Confidential

S2= Sara Section 302 EHS
S3= Sara Section 313 Chemical
S.R. Std.= Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
Carcinogenicity Listed By:
N= NTP, I= IARC, O=OSHA, y=yes, n=no